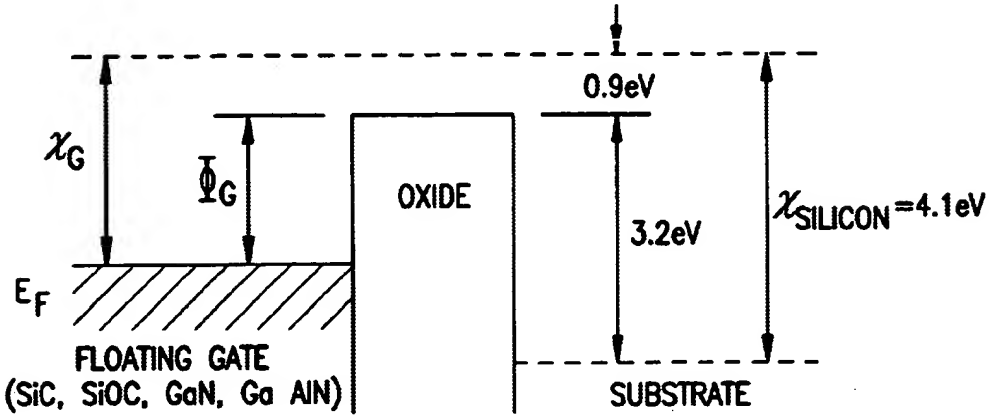

FIG. 1A
(PRIOR ART)

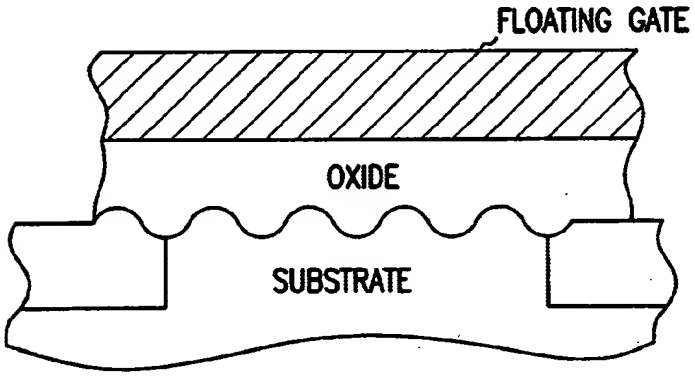

FIG. 1B
(PRIOR ART)

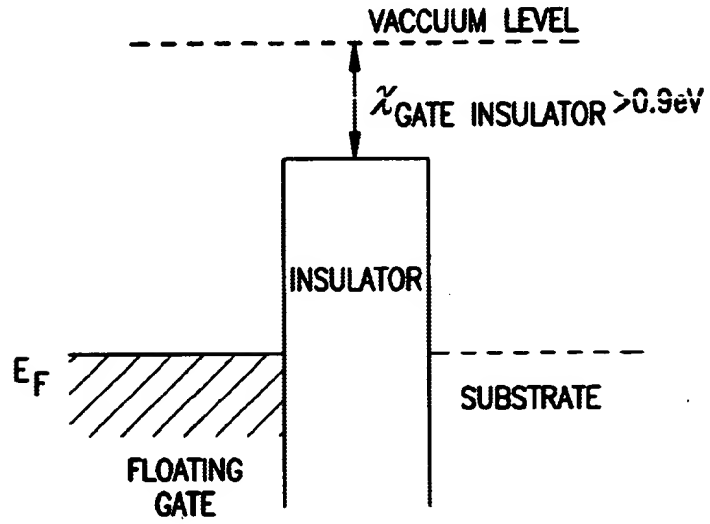

FIG. 1C
(PRIOR ART)

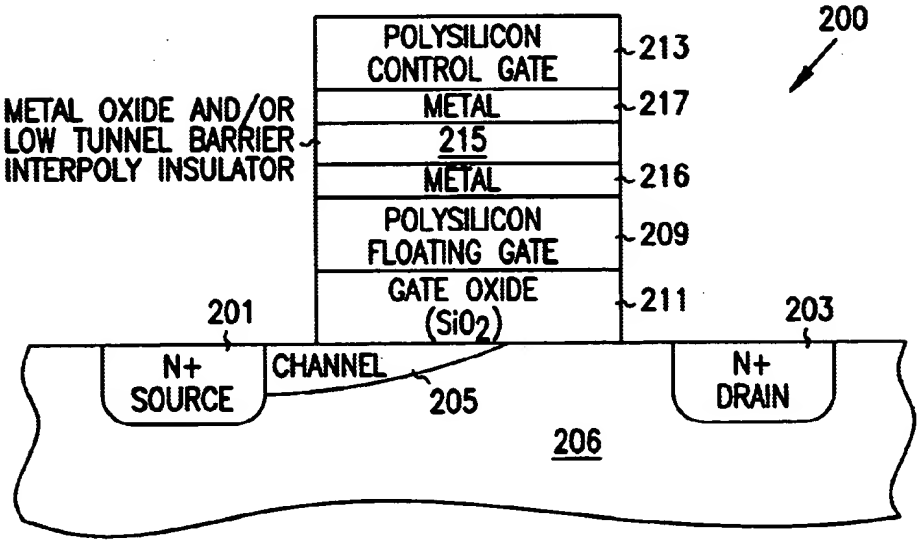

FIG. 2

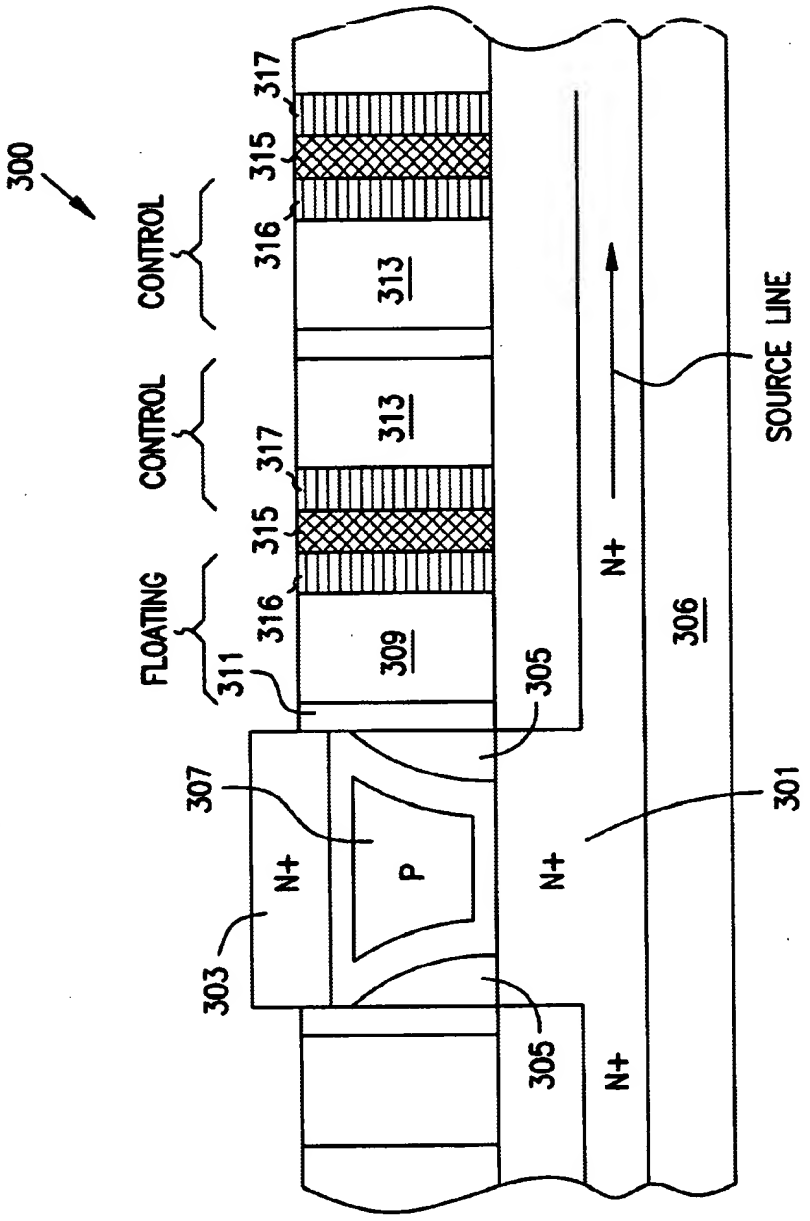

FIG. 3

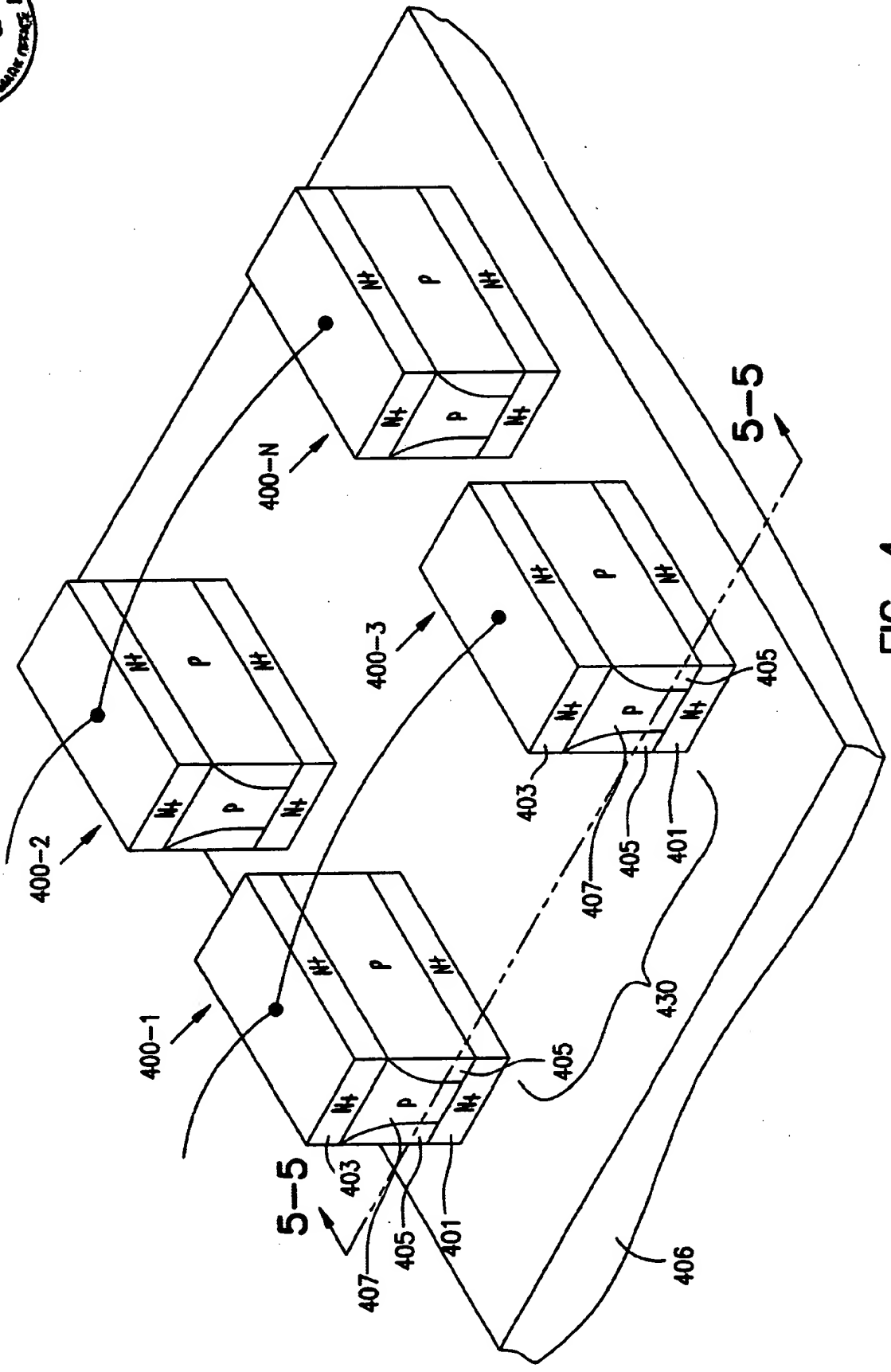

FIG. 4

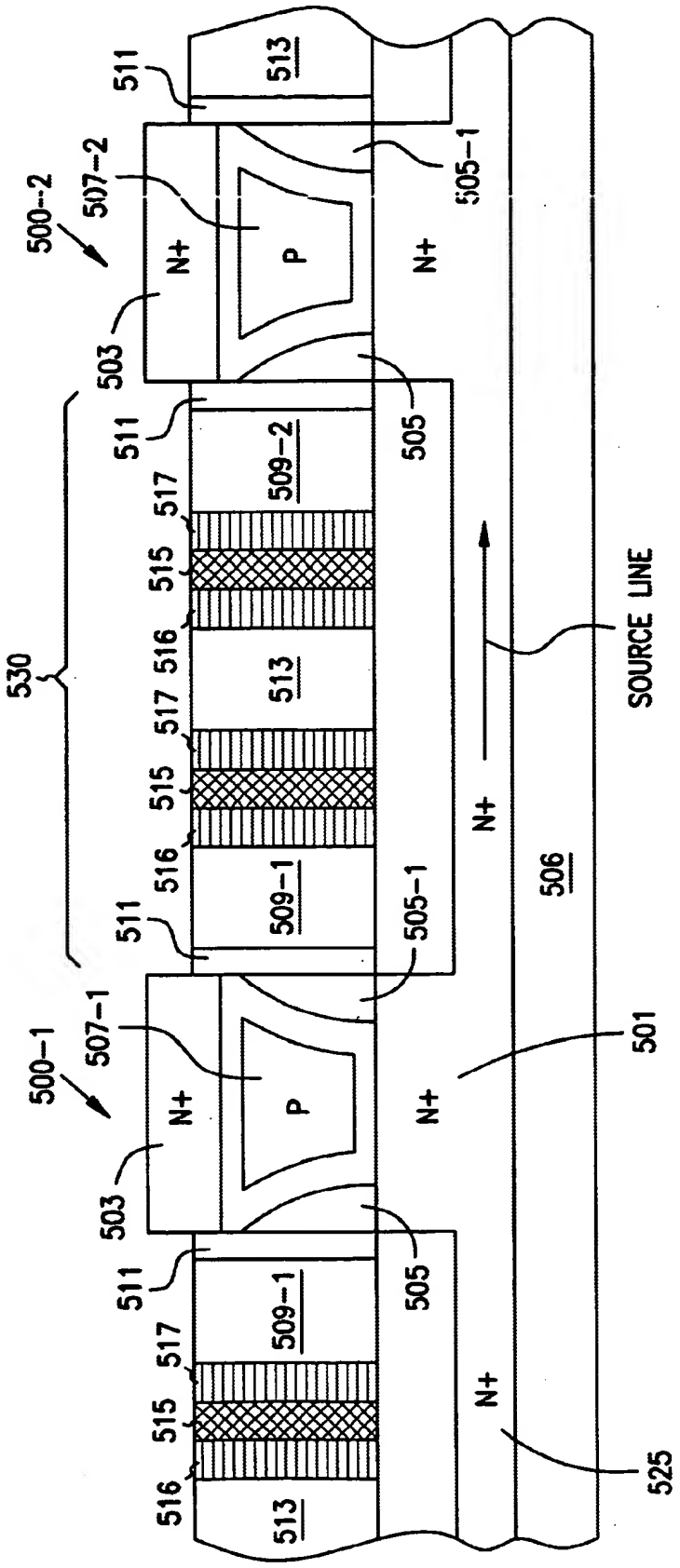

FIG. 5A

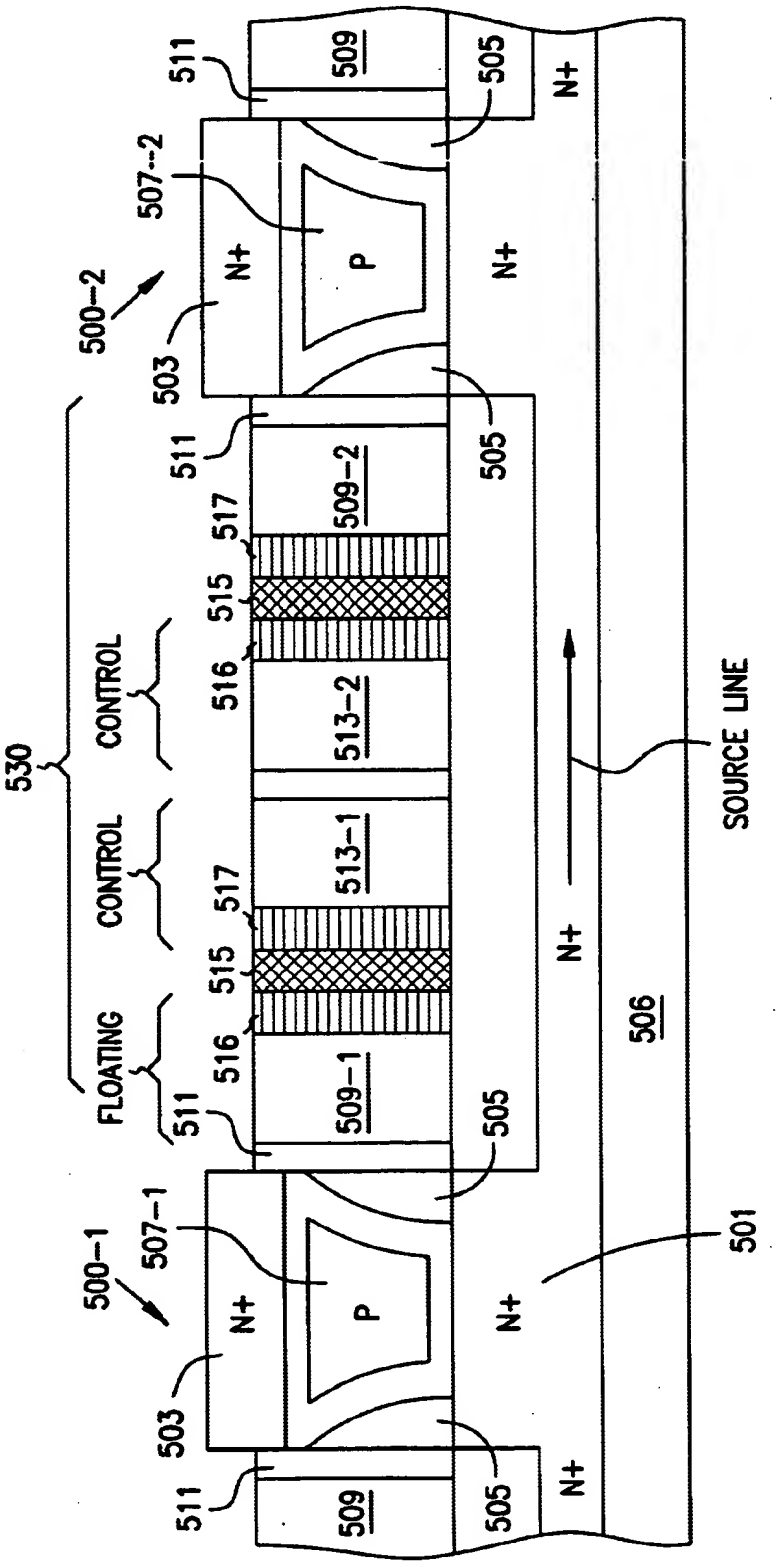

FIG. 5B

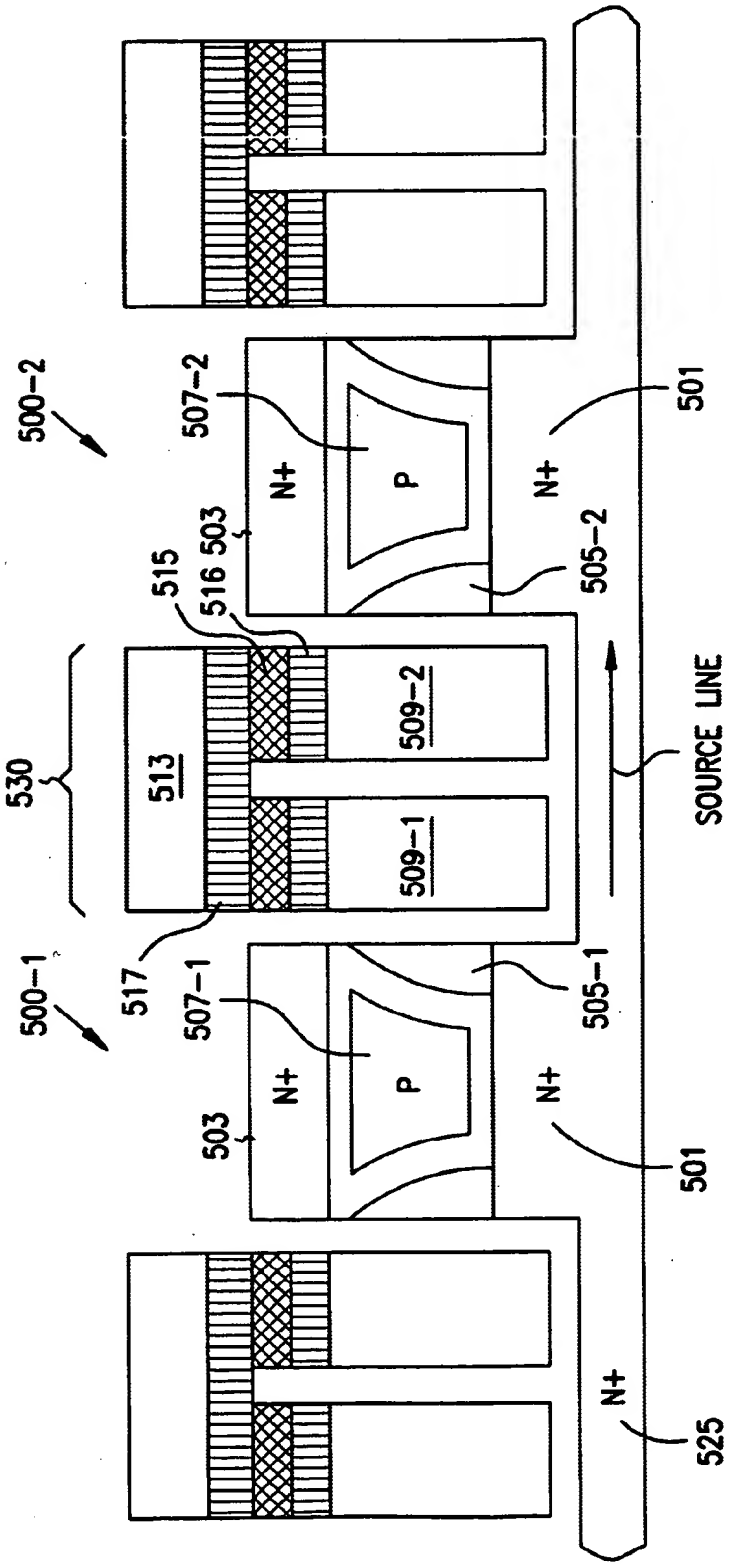

FIG. 5C

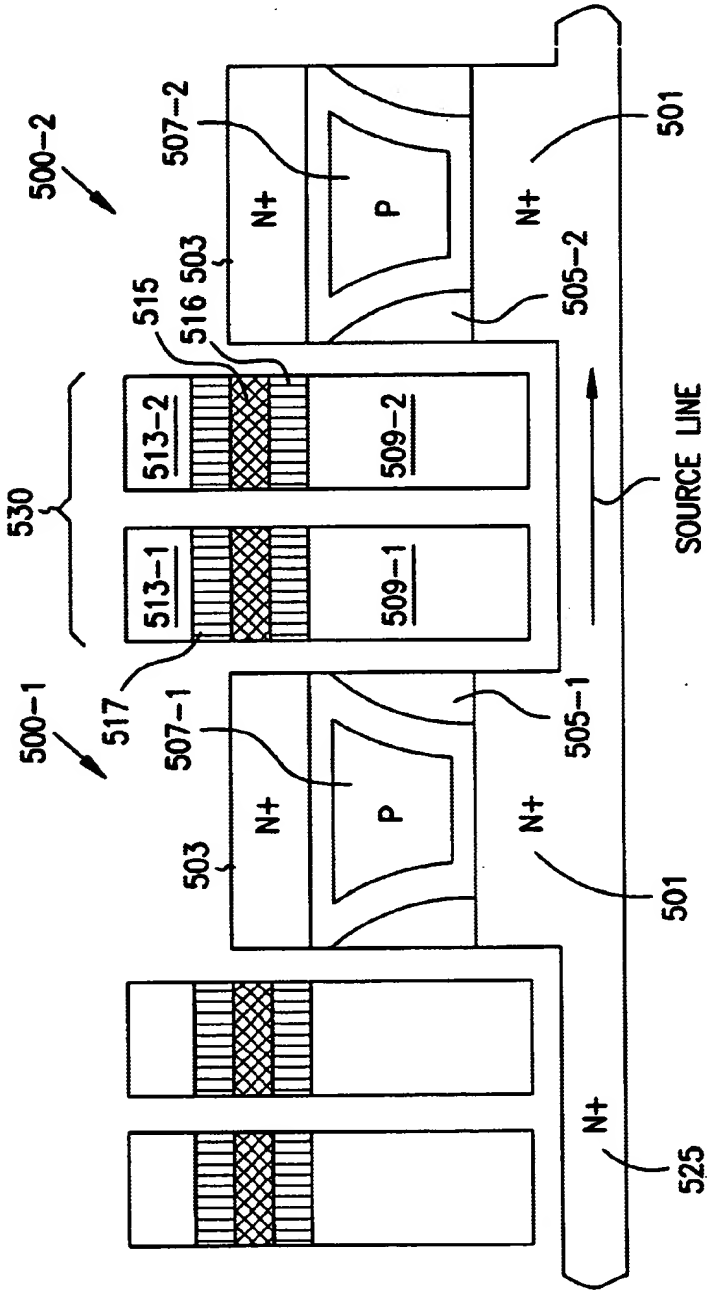

FIG. 5D

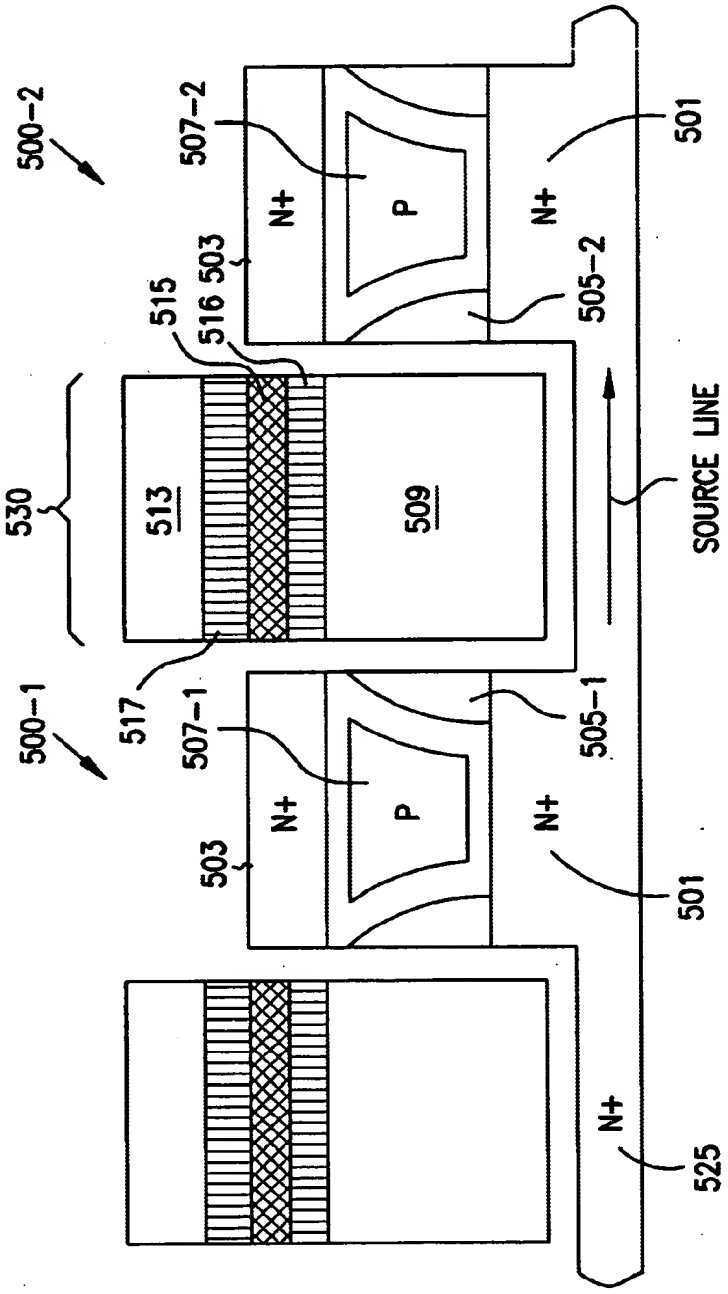

FIG. 5E

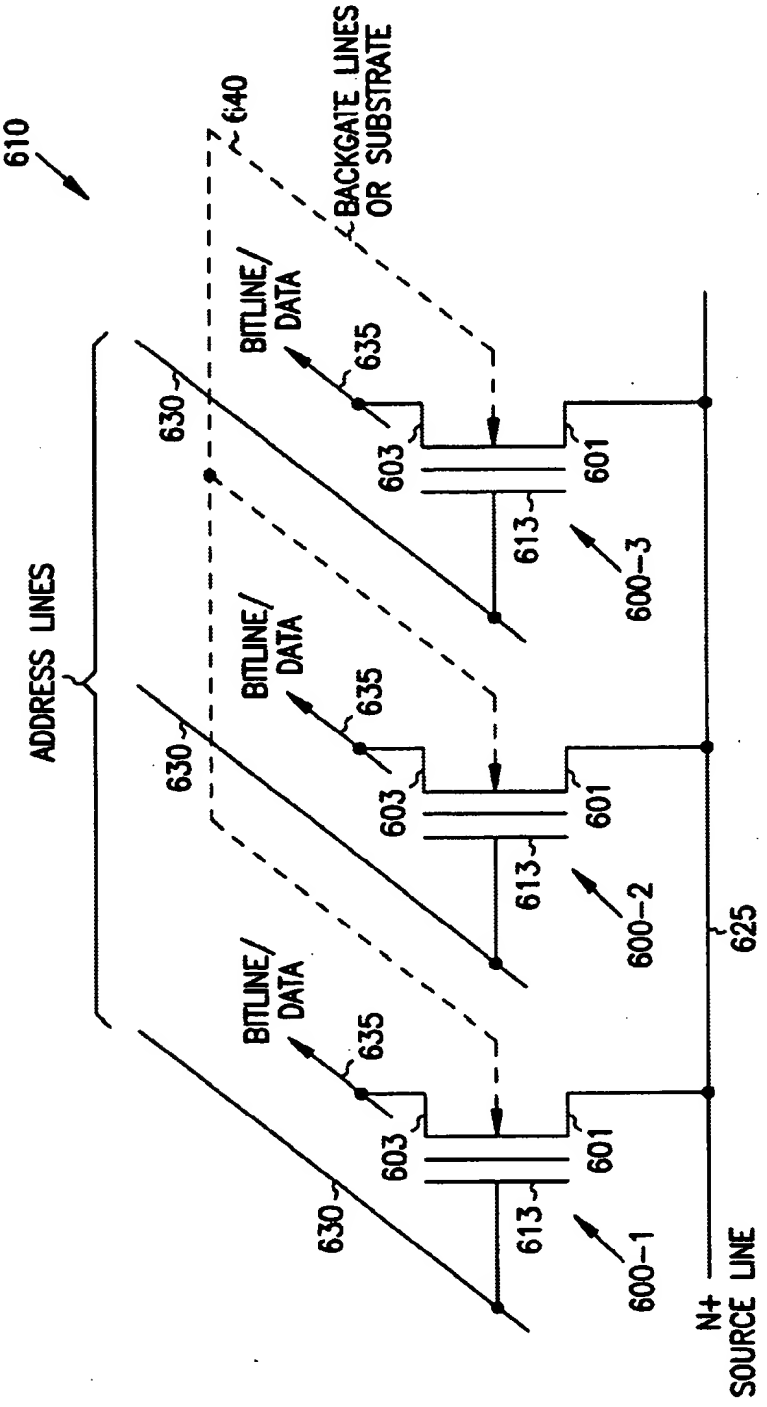

FIG. 6A

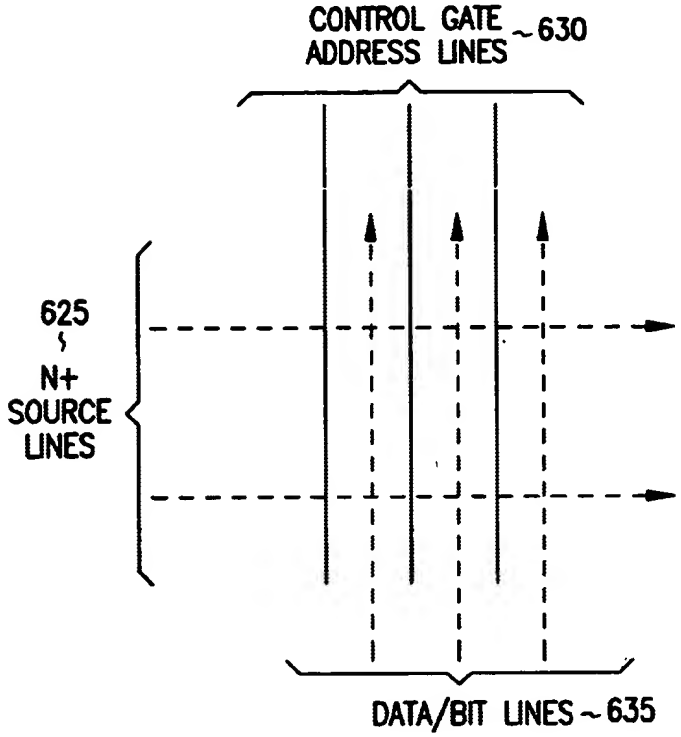

FIG. 6B

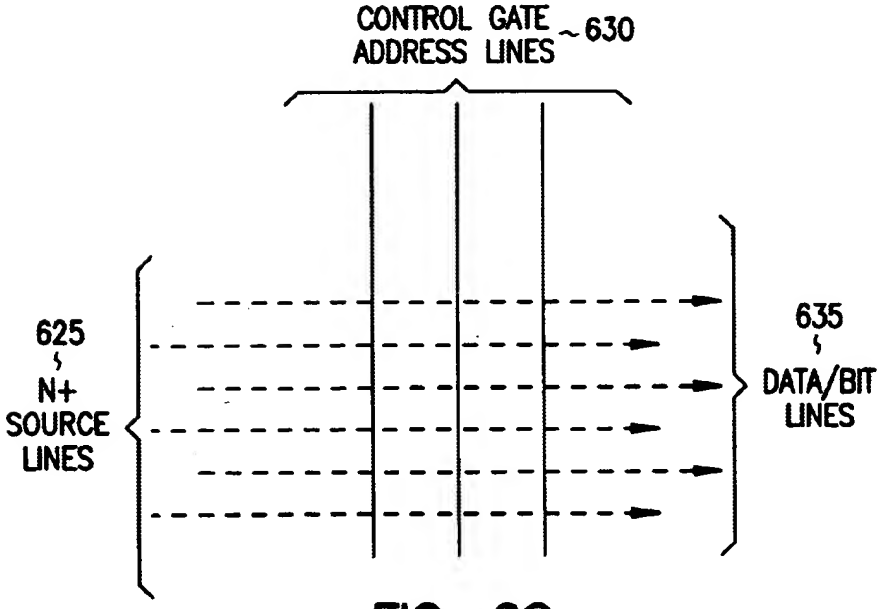

FIG. 6C

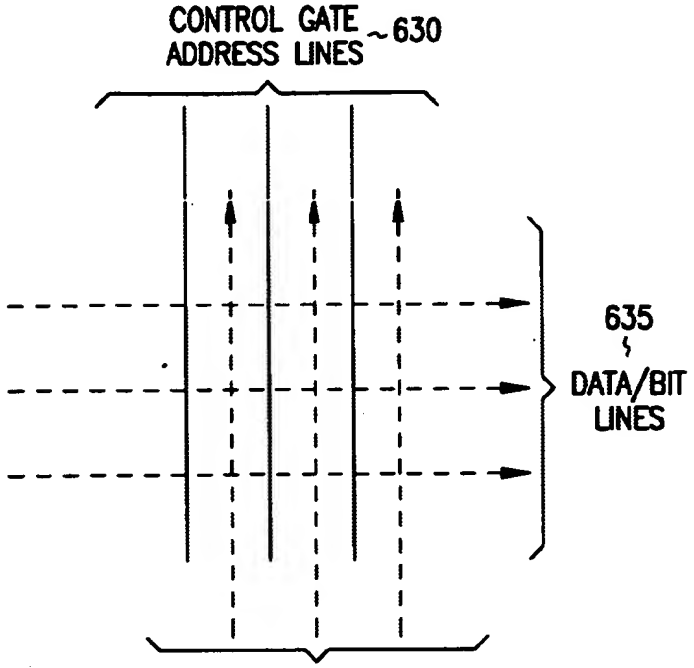

FIG. 6D

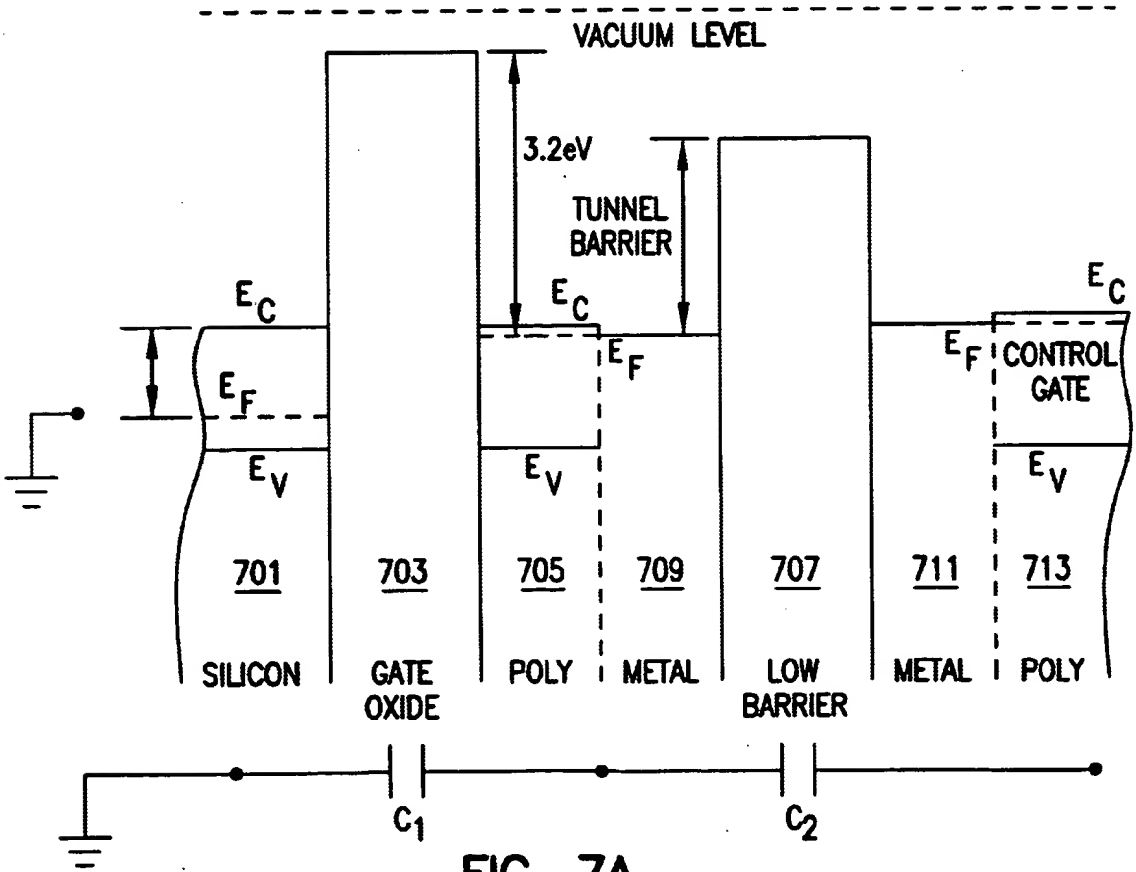

FIG. 7A

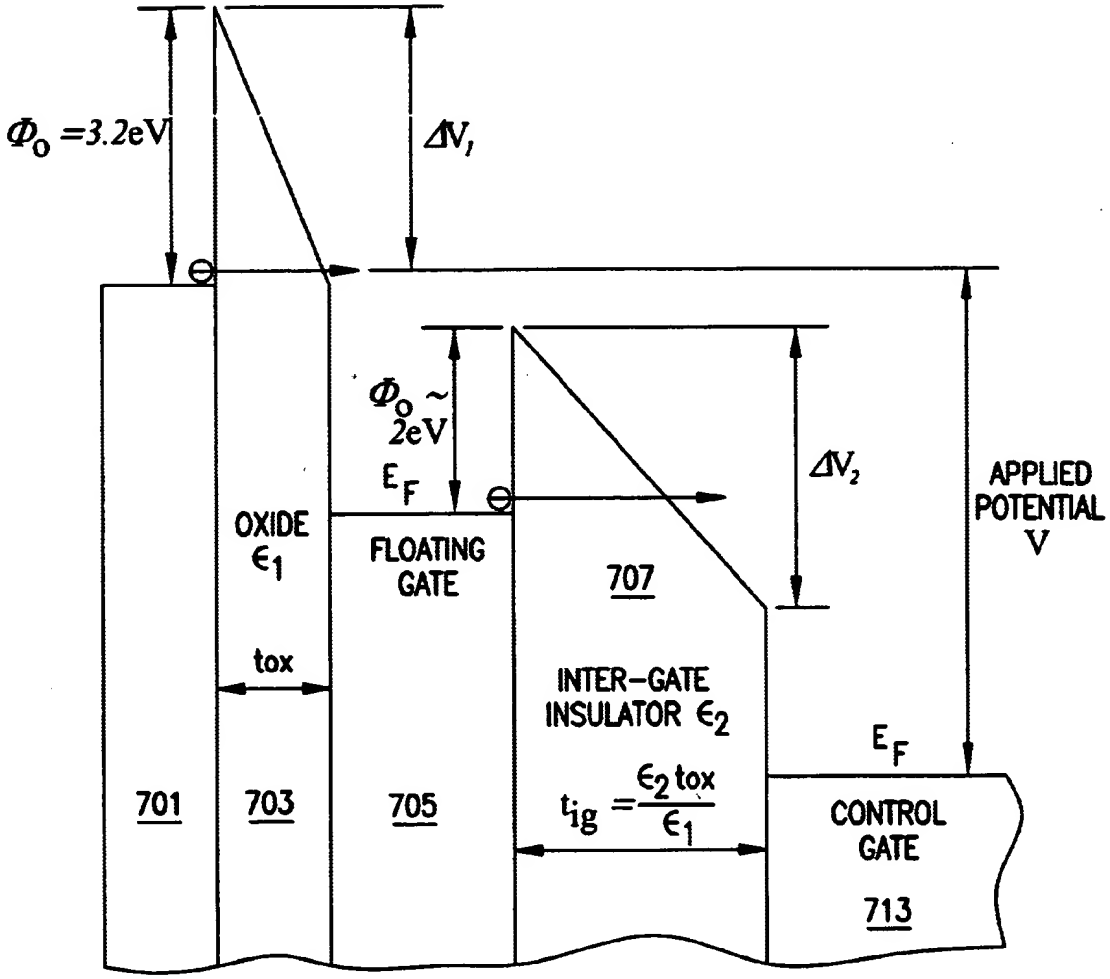

FIG. 7B

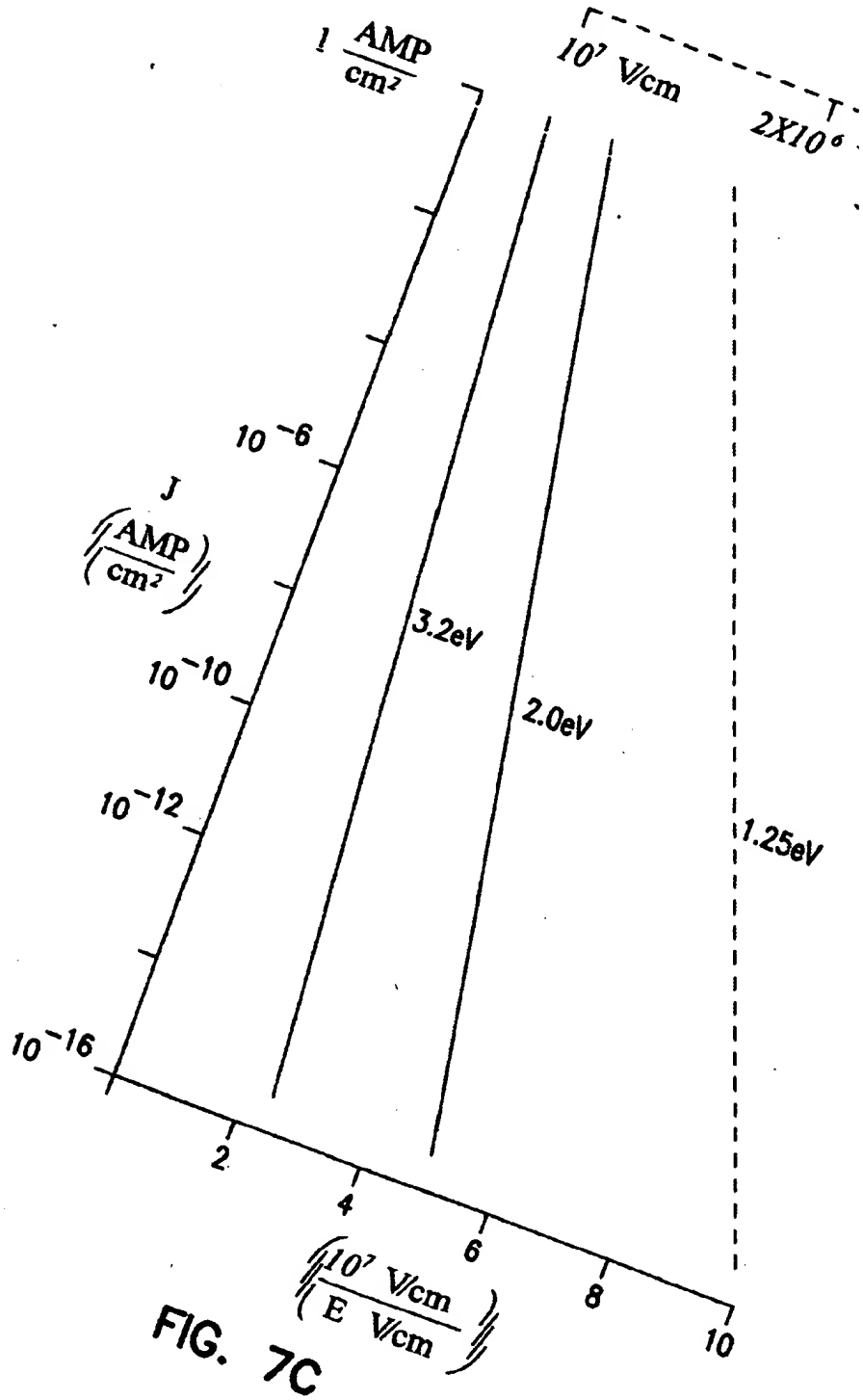

FIG. 7C

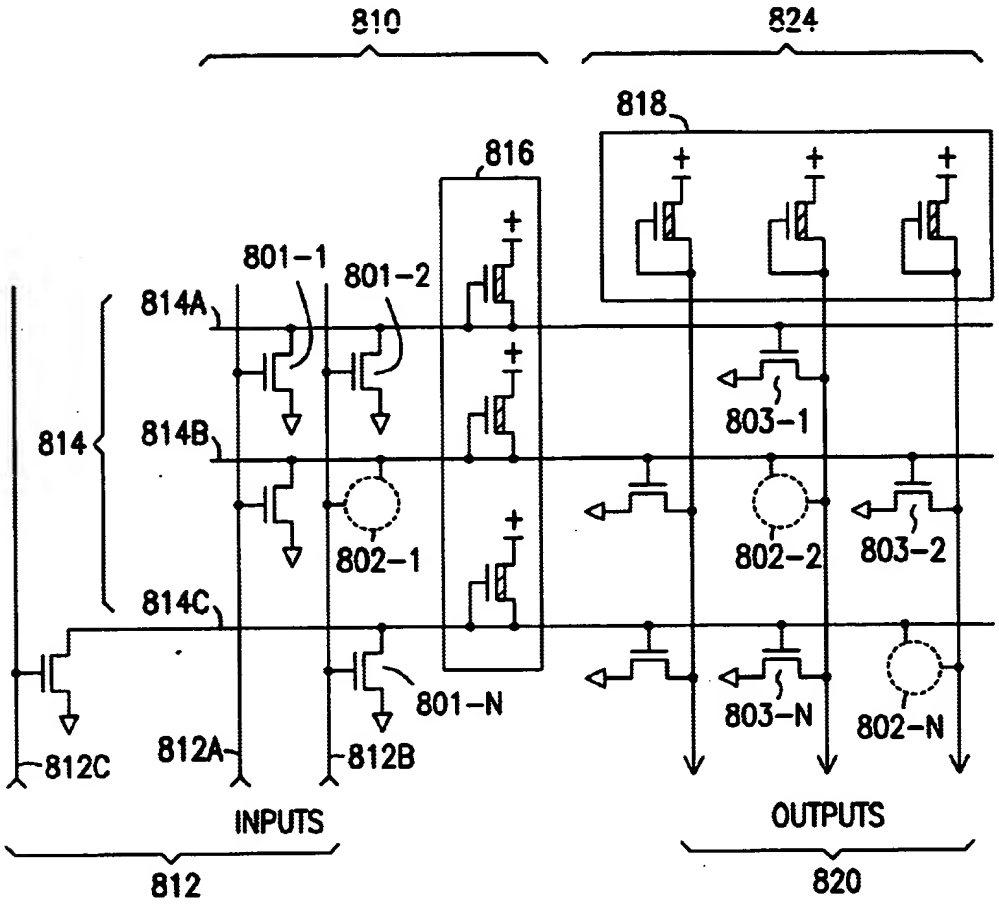

FIG. 8

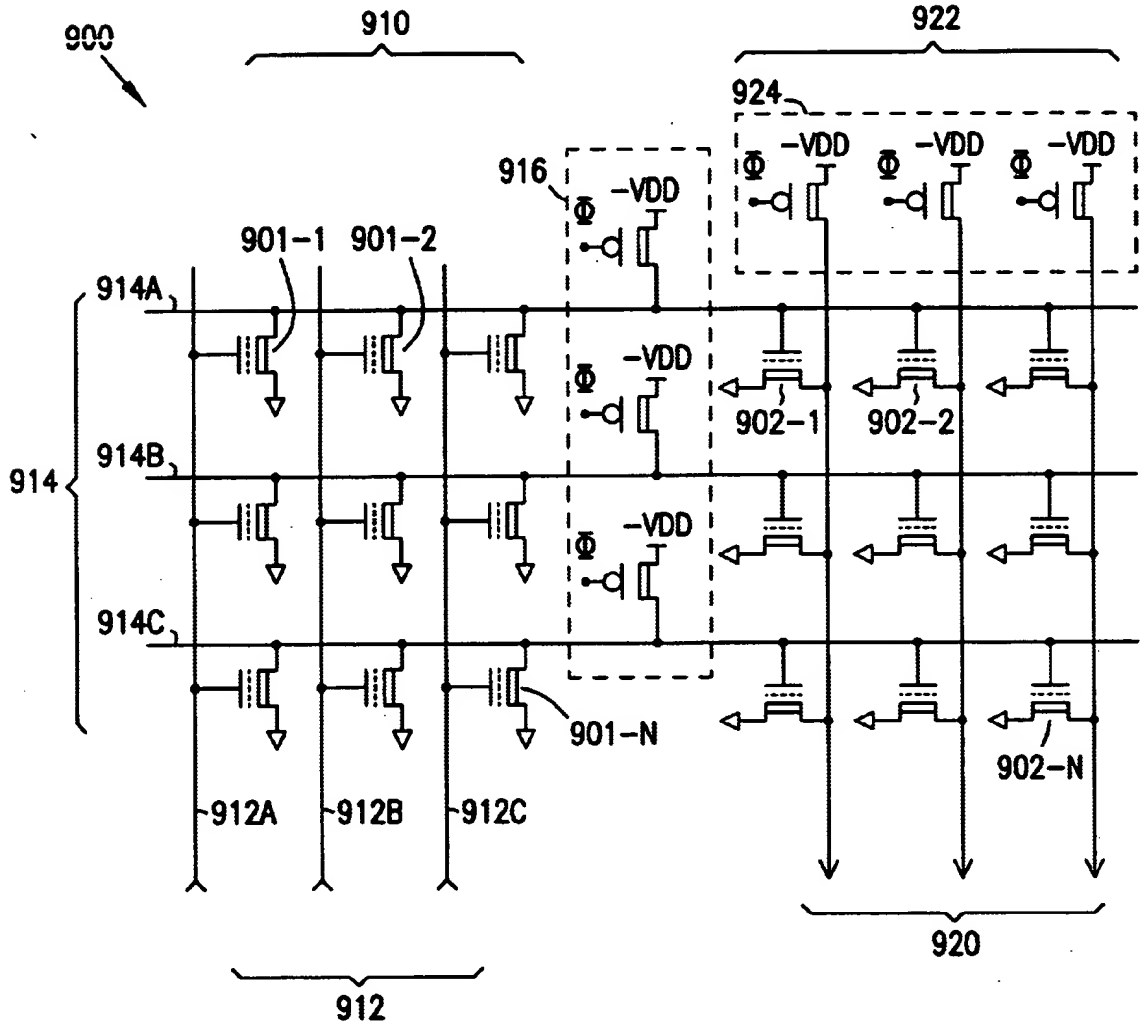

FIG. 9

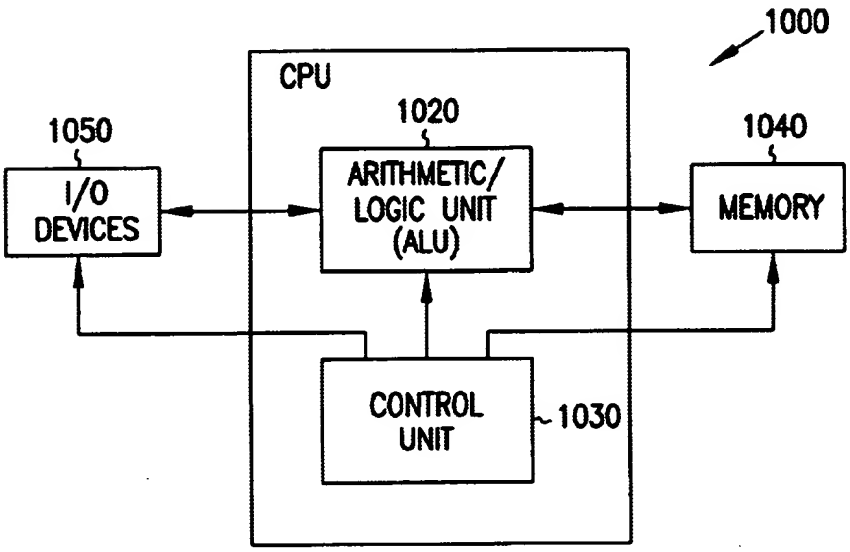
1000
CPU
1020
1050
1040
I/O DEVICES
ARITHMETIC/ LOGIC UNIT (ALU)
MEMORY
CONTROL UNIT
1030

FIG. 10